SHARP.

XG-P610X | Multimedia Projectors

The Sharp XG-P610X (6000 ANSI Lumens, 1800:1 contrast ratio) represents a price / performance breakthrough in 3-Chip DLP® projectors. Designed for integrated systems, including conference rooms and boardrooms, lecture halls, houses of worship, training facilities, control rooms, rental/staging and other large venue installations, the XG-P610X offers unparalleled picture quality, brightness and feature set at an exceptionally competitive price point.

Features

- **3-Chip DLP® Technology**
  for highest color accuracy, image quality and reliability.
- **Intelligent Dual Lamp System**
  for high brightness and image uniformity. The Sharp dual lamp system additionally provides "redundant" reliability for use in "mission critical" applications. In the event one lamp should fail, the projector will continue to operate in its single lamp mode if the other lamp is functional.
- **Power Zoom/Focus Lens with "seven" lens options**
  ensures easy placement of the projector in most any installation. In addition to the 'standard' lens, six optional lenses are available for special applications. (Note: for applications where one of the 'optional' lenses is required, the projector may be purchased without lens, as model number XG-P610X-N.)
- **15-126 kHz Horizontal Frequency; 43-200 Hz Vertical Frequency; 12-230 MHz Dot Clock**
  With industry-leading Sharp CV-IC II technology and ImageACE™ resizing, the XG-P610X ensures compatibility with an exceptionally wide range of input sources and signal configurations - without the need for extensive image adjustments.
- **Two Computer/Component Inputs (15-pin and 5-BNC)**
  ensure easy installation and operation in most any facility. Two computer/component inputs further permit multiple PCs or component video sources (up to 1080p HDTV) to be directly connected to the projector.
- **LAN Connectivity (RJ-45) with built-in web server**
  enables remote monitoring, diagnostics and control over a network - including powering the projector "on and off" and switching inputs - without any special software.
- **2 years parts and labor with 2 years of Sharp "ER" 24-hour turnaround Express Repair/Replacement option**

ensures peace of mind. In the event a projector should require repair under warranty, when purchased through an authorized dealer, it will be serviced at no cost and returned within 24-hours of receipt.

- **Power Horizontal and Vertical Lens Shift**
allows maximum placement flexibility with a minimum of keystone distortion. Power adjustment of the lens shift function allows for easy adjustment - even in ceiling mount, and rear-projection applications. (H: +/- 35%, V: +/- 55%. Adjustment range may have limitations based on lens model.)

- **Extensive Theft Deterrent Features**
The projector incorporates extensive theft deterrent features including keylock function, custom start-up screen, Kensington®Lock compatibility and optional security cable for use with ceiling mounting bracket.

- **Accessible service menu with test patterns**
Built-in password protected service menu provides a wide range of test pattern signals for set-up by qualified service techs without the need for a connected source or signal generator.

Specifications

		Dual Lamp Operation: 6000 ANSI Lumens (eco mode off)
	Brightness	Single Lamp Operation (standard mode) provides approx. 50% (+/- 10%) brightness compared to dual lamp mode.
		When projector is used in "eco" mode, brightness is approx. 77% compared to brightness with the eco mode turned off.
		[Brightness values indicate overall average values of the product at the time of shipment and are stated based on ISO 21118-2005.]
	Display Resolution (Native)	XGA (1024 x 768)
	Resolution Capability (Maximum)	UXGA[1,2,3] (1600 x 1200) with Intelligent ImageACE resizing

■ **Compatibility**	RGB input signals: UXGA[1,2,3], SXGA+[1], SXGA[1], Mac 21"[1] and WXGA[1] (in advanced intelligent compression), XGA, SVGA, VGA, VESA, Mac® 19"/16"/13". 15-126 kHz (H), 43-200 Hz (V), 12-230 MHz (pixel clock) (plug & play VESA; DDC 1/2B). Video systems: NTSC/NTSC 4.43/PAL/PAL(60Hz)/PAL-M/PAL-N/SECAM DTV/HDTV (480i/p), 540p, 576i/p, 720p, 1035i, 1080i/p[4]
■ **Frequency Range**	fH 15-126 kHz / fV 43-200 Hz
■ **Weight / Dimensions (w x h x d)**	57.4 lbs. with standard lens; 54.1 lbs. without lens. Main body dimensions: 19.7" W x 7.5" H x 25.1" D
■ **Unique Feature(s)**	6000 ANSI Lumens with unique Intelligent Dual Lamp Design. 3-Chip DLP ensures unparalleled color accuracy, image quality and reliability. Flexible lens system with power zoom/focus and power H&V lens shift; 7 optional interchangeable lenses; superior compatibility for use with high-end PCs, workstations and HDTV/DTV. "CV-IC II" Computer & Video Integrated Composer system technology offers advanced color management system, sRGB compatibility, enhanced Three-Two pull down, high-level video noise reduction, pattern matching motion detection, video resizing/scaling, picture-in-picture. H&V digital keystone correction. Wireless (or wired) remote control, direct RJ45 LAN connectivity with remote access & control system compatibility. Accessible service menu with test patterns, lamp access from side of projector (for easy lamp change even in ceiling mount and "stacked" projector applications), custom start-up "Watermark" image capture, and keylock & system lock.
■ **Price (MSRP)**	XG-P610X: $14,995 (with AN-P18EZ lens); XG-P610X-N: $13,995 (without lens)
■ **Device Type**	0.7" DLP Chip x 3
■ **Dot Clock**	12-230 MHz

■ **PC Compatibility**	Yes – UXGA[1,2,3], SXGA+[1], SXGA[1], WXGA[1], XGA, SVGA, VGA, VESA
■ **MAC Compatibility**	Yes - Mac 21" (in advanced intelligent compression), Mac 19"/16"/13"
■ **WS Compatibility**	Yes - SUN, SGI, IBM, HP
■ **Video System**	NTSC/NTSC 4.43/PAL/PAL(60Hz)/PAL-M/PAL-N/SECAM
■ **DTV/HDTV Compatibility**	480i/p, 540p, 576i/p, 720p, 1035i, 1080i/p [when 1080p signal is input, image is compressed prior to being displayed on screen]
■ **Video Circuitry**	3D Y/C separation, digital comb filter, noise reduction, color transient and Y delay, color temperature adjustment and sRGB
■ **Resizing**	Intelligent ImageACE Resizing for compatibility up through UXGA (1600 x 1200)
■ **Center to Corner Ratio**	90%
■ **Contrast Ratio**	1800:1
■ **Lens Type**	Standard Lens: 1:1.25x power zoom/focus (with motorized H&V shift), F No. 2.5, f=25.5-32.0 mm. Six additional lens options provide continuous throw ratios from 1.5 to 7.0 (plus 0.8 and 1.2 fixed focus)
■ **PC Control**	PC Control via LAN (RJ-45) and RS-232C
■ **Remote Control**	Back-lit IR (infrared) Wireless Remote Control with mouse function and port for wired operation
■ **IR Carrier Frequency**	455/12kHz
■ **Wired Remote**	Yes
■ **Audio System**	3 Watts x 2 (Stereo); 33.8mm x 68.0mm oval loudspeakers x 2
■ **Lamp**	280W x 2 (L/R common): AN-P610LP or AN-P610LP/1. Estimated Lamp Life: Up to 2000 Hours (eco mode off) / Up to 3000 Hours (eco mode on)
■ **Fan Noise**	37 dB (eco mode off); 34 dB (eco mode on)
■ **Power Source**	100V - 240V AC, 50/60Hz

■	**Power Consumption**	755W / 16.7W standby (when using LAN/ monitor out)
■	**Presentation Tools**	Wireless Mouse, Break Timer, Enlarge, Freeze and Mechanical Lens Shutter
■	**Limited Warranty**	2 years parts and labor with 2 years of Sharp "ER" 24-hour turnaround Express Repair/Replacement option (refer to program description for details). 90 day warranty on user replaceable lamp/cage modules.
■	**Computer Inputs**	Analog RGB/Component x 2 (15-pin mini D-sub x 1, 5-BNC x1), HDMI x 1, digital RGB/component (24-pin DVI-D/ HDCP) x 1
■	**Video Inputs**	mini D-sub x 1, 5-BNC x 1), HDMI x 1, digital RGB/component (24-pin DVI-D/ HDCP) x 1, video x 1 (RCA), S-Video x 1
■	**Audio Inputs**	Audio L/R x 3 (3.5mm stereo mini jack), audio L/R stereo x 2 (RCA)
■	**Outputs**	Analog RGB/Component Monitor Loop-Through - 15 Pin HD; Audio Line Output (selectable fixed or variable) - 3.5mm stereo mini connector
■	**Additional Connectors**	LAN x 1 (RJ-45, 10BASE-T/100BASE-TX), RS-232C serial port x 1 (9-pin D-sub), wired remote control x 1 (3.5mm mini jack)
■	**Included Accessories**	Wireless/Wired Remote with Mouse Control; Two "AA" batteries; 12' Power Cord; 9' 10" RGB Cable; Lens Cap; Projector Manual and Technical Reference CD-ROM, Operation Manual
■	**Optional Accessories**	AN-PCM60: Ceiling Mounting Bracket; AN-EP101B Extension Tube; AN-JT200: Angle Mount Joint; AN-CMCSS16: 16" Security Cable System; AN-CMCSS46: 46" Security Cable System; AN-P60SC: Shipping Case; Replacement Lamps (L/ R common): AN-610LP or AN-P610LP/1; AN-MR2 remote IR receiver (for wireless mouse / presentation control; AN-C3CP2: Component Video (3-RCA) to 15-pin D-sub cable (10')
■	**Min/Max Screen Size**	60" – 300" (diagonal, 4:3, with standard lens)

■ **Min/Max Projection Distance** — 7.2' (for 60" diagonal, 4:3) up to 45.0' (for 300" diagonal, 4:3), with standard lens

■ **Other**

3-Chip DLP Technology Price/ Performance Breakthrough
3-Chip DLP projectors are frequently heralded as offering the highest color accuracy, image quality and reliability in front projection. The XG-P610X represents a price performance breakthrough in 3-Chip DLP projection.

■ **Optional Lenses**

AN-P8EX: Fixed Zoom Ratio with Power Focus. 11.6mm focal length; 2.5 F-No.; 1:0.8 Throw Ratio

AN-P12EX: Fixed Zoom Ratio with Power Focus. 17.1mm focal length; 2.5 F-No; 1:1.2 Throw Ratio

AN-P15EZ: 1.2x Power Zoom and Focus. 21.2 – 25.8mm Focal Length; 2.5 F-No.; 1:1.5 – 1.8 Throw Ratio

AN-P18EZ[5]: 1.25x Power Zoom and Focus. 25.5 – 32.0mm Focal Length; 2.5 F-No.; 1:1.8 – 2.25 Throw Ratio

AN-P23EZ: 1.3x Power Zoom and Focus. 31.9 – 42.5mm Focal Length; 2.5 F-No.; 1:2.25 – 3.0 Throw Ratio

AN-P30EZ: 1.5x Power Zoom and Focus. 40.8 – 62.8mm Focal Length; 2.5 F-No.; 1:3.0 – 4.5 Throw Ratio

AN-P45EZ: 1.5x Power Zoom and Focus. 62.1 – 97.8mm Focal Length; 2.5 F-No.; 1:4.5 – 7.0 Throw Ratio

[1]compatible in advanced intelligent compression
[2]compatible in intelligent compression
[3]analog RGB signal only
[4]when 1080p signal is input, image is compressed prior to being displayed on screen
[5]The XG-P610X includes the AN-P18EZ lens.

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Product specifications and design are subject to change without notice.